



Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23561Serial No.
10/619,499INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Masami SHIRAL et al.Filing Date
July 16, 2003Group
2872

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JP	3 6 6 1 0 6 4	05/09/72	NORRIS			
JP	4 0 6 7 0 2 7	01/03/78	YAMAZALI			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
JP H10 0 2 3 9 7 3 5	09/11/98	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JP	1	English language Abstract JP NO. H10-0239735.

EXAMINER

John R. Pothell

DATE CONSIDERED

11/19/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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JP		4	0	6	7	0	2	7	01/03/78	YAMAZAKI		
JP		6	0	8	8	0	5	3	07/11/00	HAMMACK et al.		
JP 2001	/	0	0	2	8	4	9	8	10/11/01	HAGA et al.		
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
JP	0	1	/	5	2	5	3	1	09/19/01	W.I.P.O.		
JP		3	6	1	2	3	8	7	08/02/61	JAPAN		X
JP				6	2	3	3	0	01/14/94	JAPAN		X
JP 20	0	1	2	6	1	5	5	5	10/10/01	JAPAN		X
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
NONE												
EXAMINER <i>John 2 R. H. H. H.</i>						DATE CONSIDERED 11/19/04						
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